CLAIMS

1. A resist composition for an electron beam or EUV, wherein an organic solvent comprising, as a principal component, one or more compounds selected from a group consisting of propylene glycol monomethyl ether (PGME), methyl amyl ketone (MAK), butyl acetate (BuOAc), and 3-methyl methoxy propionate (MMP) is used as a resist solvent.

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- 2. A resist composition for an electron beam or EUV according to claim 1, which exhibits characteristics that satisfy a formula (I) shown below:
- [Film thickness (1) Film thickness (2)] / (150 130) (Å/°C) ≤ 0.2 (Å/°C) (I)

 [wherein, said film thickness (1) is a film thickness following application of said resist composition to a substrate in sufficient quantity to generate a film thickness of 2300 Å ±10% and subsequent heating at 130°C for 90 seconds, and said film thickness (2) is a film thickness following application of said resist composition to a substrate in sufficient quantity to generate a film thickness of 2300 Å ±10% and subsequent heating at 150°C for 90 seconds].
- 3. A resist composition for an electron beam or EUV according to claim 1, wherein a degree of variation in total pressure of an atmosphere inside an exposure system between a state prior to exposure and a state following exposure is less than 4.0×10^{-5} Pa.

- 4. A resist composition for an electron beam or EUV according to claim 1, comprising a compound (A) having acid dissociable, dissolution inhibiting groups, and an acid generator (B).
- 5 5. A resist composition for an electron beam or EUV according to claim 4, further comprising a nitrogen-containing compound (C) in addition to said components (A) and (B).
- 6. A method of forming a resist pattern, comprising the steps of applying a resist

 10 composition for an electron beam or EUV according to any one of claim 1 through claim

 5 to a substrate, conducting a prebake, conducting selective exposure or direct patterning

 with an electron beam or EUV in a vacuum, performing PEB (post exposure baking), and
 then conducting alkali developing to form said resist pattern.